process_sw

pecrsep
SWIRsZZ

Quality Control:
1) get periods of bad data from **sensok**
2) screen unreasonable high and low values
    a) RMAX = 500
    b) RMIN = 0
3) screen unreasonable jumps between readings

Level 1 Quality Flags:
S=screened (passed)
R=rejected by qc
F=flagged by sensok

Create time series
of Level 1 data

Quality Flags:
V=verified
G=good, manual
M=manual
E=estimated

Check quality flags of data
already in processed tables:
1) V, G, M will never be
overwritten by Level 1 data
2) E will not be overwritten by
missing or bad Level 1 data

Write shef encoded
data to file and copy
to process data queue
for posting

pedpsep
SWI1sZZ